



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Arnon Shani, et al

Serial No.: 09/856,795

Group No.: 1616

Filed: August 14, 2001

Examiner.: Shaojia A. Jiang

For: SUSTAINED RELEASE POLYMER-BASED WATER INSOLUBLE BEADS

Attorney Docket No.: U 013484-1

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

AMENDMENT AFTER FINAL

In response to the Official Action of April 21, 2004, please amend the application as follows:

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IN THE CLAIMS:

Claims 1-52 (cancelled).

DO NOT
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Claim 53 (currently amended) A water insoluble bead comprising droplets of an oil in water emulsion in a polymer matrix, wherein the ~~oil in water emulsion~~ water insoluble bead comprises at least one volatile hydrophobic component, ~~a surface active agent~~ gelatin, a polysaccharide and water, the water insoluble bead being formed from the volatile hydrophobic component, ~~surface active agent and polymer matrix being~~ selected and being present in the bead the gelatin, the polysaccharide and water by a process such that the bead is storable in water without release of the volatile component and such that the volatile component is released from said water insoluble bead in atmospheric air.

Claims 54 and 55 (cancelled)

Claim 56 (currently amended) The water insoluble bead according to claim 55 ~~53~~, wherein the polysaccharide is selected from the group consisting of sodium alginate, carraggenan, guar gum, locus bean gum, chitosan, pectin and carboxy methyl cellulose.

Claim 57 (cancelled)